



**2025 SMP Package IV (Bell Drive)
Solicitation No. CO-00727
Job No. 23-5085 (Water)
Job No. 23-5580 (Sewer)**

**ADDENDUM 1
March 25, 2024**

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

- 1. Is it mandatory for the contractor to bid both Base Bid & Alternate 1 Bid or can they choose the option they feel is best and turn in on that one only?**

The intent of having a Base Bid and a Bid Alternative 1 is for SAWS to determine the cost differential for accelerating the time of construction for the project from 240 days to 200 days. Therefore, SAWS requires Bidders to provide proposals for both the Base Bid and Bid Alternative 1.

- 2. Is the price the deciding factor for SAWS recommending award between the Base Bid & Alternate 1? If no, then what is the deciding factor in the award process?**

Please see **SS-1 Item 27** of the revised Supplemental Conditions of this Addendum clarifying how SAWS will evaluate the bids and recommend award.

CHANGES TO SPECIFICATIONS

- 1. Pg. IV-1, Invitation to Bidders. The first sentence of the eight paragraph is hereby modified to read as follows:**

For questions regarding this solicitation, technical questions or additional information, please contact Roxanne Lockhart, Contract Administrator, in writing via email to: roxanne.lockhart@saws.org or by fax to (210) 233-4438 until 4:00 PM (CST) on March 26, 2024.

2. Remove the Special Conditions (SC-1 to SC-2) in its entirety and replace with the attached (SC-1 to SC-2). The following items were updated:
 - a. Added requirements for the shutdown of the 36-inch water main in SC 1.0 - Project Requirements.
 - b. Modified performance time requirements in Bid Alternative 1 is SC 1.1 – Performance Time.
3. Remove Supplemental Conditions (SS-1 to SS-5) in its entirety and replace with the attached (SS-1 to SS-5). The following item was updated:
 - a. Item 27 was added to the Instruction to Bidders Section.

CHANGES TO PLANS

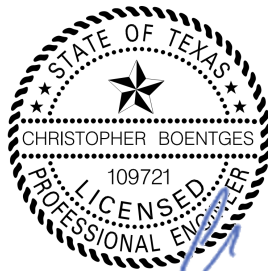
1. Remove sheet 3 of the Water Design Plans and replace with the one attached to this addendum dated 3/25/2024. Notes for the Trench Detail for Bid Alternative 1 were updated which is clouded on the revised sheet.
2. Remove sheet 3 of the Sewer Design Plans and replace with the one attached to this addendum dated 3/25/2024. Notes for the Trench Detail for Bid Alternative 1 were updated which is clouded on the revised sheet.

END OF ADDENDUM 1

This Addendum, including these two (2) pages, is 11 pages with attachments in its entirety.

Attachments:

Supplemental Conditions SS-1 to SS-5 (5 pages)
Special Conditions SC -1 to SC -2 (2 pages)
Water Plan Sheet 3 (1 page)
Sewer Plan Sheet 3 (1page)



3/25/2024

Christopher Boentges, PE
K Friese + Associates
(TBPE Firm #6535)

Supplemental Conditions

INSTRUCTIONS TO BIDDERS

DELETE item 5(C) and replace with the following:

The bidder shall furnish all information required by both the Base Bid form and the Bid Alternative 1 form. The bidder shall print or type their name and manually sign both the Base Bid Proposal and the Bid Alternative 1 Proposal in the required area of the document. Failure to provide both the Base Bid Proposal and Bid Alternative 1 proposal will result in determining a non-responsive bidder.

DELETE item 17 and replace with the following:

It is anticipated that the contract will be awarded within **60** days after bid opening to the **Responsible Bidder** whose bid, conforming to the invitation for bids, is most advantageous to the San Antonio Water System. Bidders are advised that the awarding of contracts on a bid basis is a requirement of state law and city charter. The purposes of such requirements are: (1) to prevent the historic abuses of negotiated purchases; (2) to enable the Board to use its purchasing power to buy at the lowest possible prices for the benefit of the system and the public; and (3) to enable the Board to award the contract to other than the low Bidder when, in the Board's judgment, the low Bidder is not qualified. Bidders are advised that it is not the intention of the Board, necessarily, to award contracts on the basis of differences in the bids other than differences in basic "price of the item." The Board reserves the right to take whichever action as may, in the judgment of the Board, to be its best interest as follows:

- (1) Reject all bids;
- (2) Award the bids by the drawing of lots; or
- (3) Award the bids on the basis of differences other than price.

Bidders are advised that the awarding of bids is a matter solely within the jurisdiction of the Board of Trustees. The San Antonio Water System reserves the right to accept any items or groups of items in this bid. Execution of written acceptance of a bid by the San Antonio Water System shall constitute an award.

The San Antonio Water System reserves the right to award the contract using either Base Bid or Bid Alternative 1.

DELETE item 24 and replace with the following:

To assist the San Antonio Water System Contracting Office in performing the bidder evaluation and subsequent recommendation of award, the apparent low bidder must submit upon request the following items within one (1) business day of the bid opening. Failure to provide the required information within the specific time, may result in determining a non-responsive bidder:

- (a) An information packet on company showing experience, organization and equipment.
- (b) A statement regarding ability to complete the project within the schedule taking into account existing commitments.
- (c) Statement of Bidder's Experience form
- (d) A completed and signed W-9 Request for Taxpayer Identification Number and Certification form.
- (e) Conflict of Interest Questionnaire - Form CIQ
- (f) Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)
- (g) 240 Calendar Days Base Bid Detailed Baseline Schedule (**NTP date of May 7, 2024**)
- (h) 200 Calendar Days **Bid Alternative 1** Detailed Baseline Schedule (**NTP date of May 7, 2024**)

INSERT the following section:

27. Bid Alternative 1: SAWS will sum the products of the quantities and unit prices for the Base Bid Proposal and Bid Alternative 1 Bid Proposal independently to determine the total bid amount for each of the Bid Proposals (Base and Bid Alternative 1) for all the Bidders. If in SAWS sole discretion the lowest responsible Bid Alternative 1 pricing is in SAWS best interest, then SAWS will make that determination. If not, then SAWS will select the lowest responsible price from the Base Bid responses, or in its sole discretion SAWS may not select any of the proposals, as provided for in the Instructions to Bidders.

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All other sections of the Instructions to Bidders shall remain the same.

ARTICLE II – LEGAL RELATIONSHIPS AND RESPONSIBILITIES

Section 2.10 is amended to insert the following:

.2 If work is permitted on a national holiday, as defined by §662.003 (a) of the Texas Government Code (New Year's Day, Martin Luther King Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day), the employee holiday rate of pay will be at 1 1/2 times the hourly rate, regardless of number of hours worked for that pay period. Please note: Not all national holidays as defined by §662.003(a) of the Texas Government Code are also SAWS designated holidays.

The remaining sections of Article II shall remain the same.

ARTICLE IV- CONTRACT ADMINISTRATION

Section 4.4 of the general conditions shall be amended to add the following:

CONTRACTORS – The Contractor shall perform the Work with its own organization on at least 40% of the total original contract price to be confirmed by the Bidder on page 1 of the Good Faith Effort Plan.

The term to “perform the Work with its own organization” is defined herein as utilizing only:

- Workers employed and paid directly by the Contractor or a wholly owned subsidiary of the contractor.
- Equipment owned by the contractor or its wholly owned subsidiary.
- Rented or leased equipment operated by the Contractor’s, or its wholly owned subsidiaries, employees.
- For purposes of determining the value of the Work self-performed, the amount shall include all materials incorporated into the Work where the majority of the value of the Work involved in incorporating the material is performed by the Contractor’s own Organization, including wholly owned subsidiary; and
- Labor provided by staff leasing firms licensed under Chapter 91 of the Texas Labor code for non-supervisory personnel if the contractor or wholly owned subsidiary maintains direct control over the labor.

Remove Section 4.6.2.1 in its entirety and replace with the following:

TERMINATION FOR CONVENIENCE - The right to terminate this Contract for the convenience of Owner (including, but not limited to, non-appropriation of funding) expressly is retained by Owner. In the event of a termination for convenience by Owner, Owner shall, at least ten (10) calendar days in advance, deliver written notice of the termination for convenience to Contractor. Upon Contractor’s receipt of such written notice, Contractor immediately shall cease the performance of the Work and shall take reasonable and appropriate action to secure and protect the Work then in place. Contractor shall then be paid by Owner, in accordance with the terms and provisions of the Contract Documents, an amount not to exceed the actual labor costs incurred, the actual cost of all materials installed and the actual cost of all materials stored at the Project site or away from the Project site, as approved in writing by Owner, but not yet paid for and which cannot be returned; and actual, reasonable and documented demobilization costs, if any, paid by Contractor and approved by Owner in connection with the Work in place which is completed as of the date of termination by Owner and that is in conformance with the Contract Documents, less all amounts previously paid for the Work. No amount ever shall be owed or paid to Contractor for lost or anticipated profits on any part of the Work not performed or for consequential damages of any kind or unabsorbed overhead, opportunity costs or other damages as a result of a termination for convenience under this section. In addition, any amount payable to the Contractor pursuant to this section shall be reduced in the amount of (1) any claim Owner may have against the Contractor under this Contract, and (2) the fair value, as determined by Owner, of property which is destroyed, lost, stolen or damaged so as to become undeliverable to Owner, excluding normal spoilage

and except to the extent that Owner shall have otherwise expressly assumed the risk of loss with respect to such property hereunder.

Remove Section 4.9.2 of the general conditions and replace with the following:

The Contractor shall not, except upon procuring written consent from proper private parties, enter or occupy with men, tools, materials, or equipment, any privately owned land except for those on easements or rights of entry provided herein by SAWS. Contractor must submit a copy of the written consent from the land owner to SAWS.

The remaining sections of Article IV shall remain the same.

ARTICLE V – CONTRACT RESPONSIBILITIES

Remove Section 5.7.1.1.7.8 in its entirety and replace with the following:

Installation Floater - Physical Damage Insurance which insures SAWS and the City for damages to all Property Purchased for, or Assigned to, the Project commencing on the start date through completion. Policy limits shall be in an amount equal to the total contract cost contracted herewith. The policy form shall be an All Risk form and shall include coverage for both during transit and while stored at the work site.

Section 5.13.5 shall be amended to take out the last sentence and to add the following:

The Bidder is required to submit a detailed baseline schedule within one (1) business day if they are the apparent low bidder. The baseline schedule shall be a detailed, precedence-style critical path management schedule in Microsoft Project or Primavera format. The baseline schedule must encompass the entire contract duration from Notice to Proceed to the Contract End Date. This baseline schedule must show a completion date that corresponds to the Contract End Date. The baseline schedule must be inclusive of all work necessary to complete the project including sufficient time necessary for submission and review of submittals, permits, etc. The schedule must be in adherence with the Right-of-Entry durations and deadline dates. For the purpose of preparing this baseline schedule, all bidders shall assume a notice to proceed date of May 7, 2024. Failure to include this baseline schedule by the apparent low bidder as requested by SAWS may result in the bidder being considered non-responsive.

The remaining sections of Article V shall remain the same.

ARTICLE VI – CONTRACT CHANGES

6.4 Delete section 6.4 in its entirety.

6.6 Delete section 6.6 in its entirety.

The remaining sections of Article VI shall remain the same.

ARTICLE VIII. - CONTRACT COMPLETION TIME

Section 8.6 Liquidated Damages for Failure to Complete on Time: of the General Conditions shall be amended as follows:

Add the following to the end of the paragraph:

Liquidated Damages, for the purpose of this contract, will be assessed at \$741 per day.

The remaining sections of Article VIII shall remain the same.

Special Conditions

SC 1.0 - PROJECT REQUIREMENTS

Contractor shall submit a completion report to SAWS when construction is completed. The completion report shall include but not limited to the following:

Pre and post MPEG-1 format and written to CD/DVD video and video logs.

Any test and/or submittals specified in this contract documents such as density tests, structural properties, etc. that are required.

Contractor shall perform final surface restoration per the details shown in the construction drawings and per the requirements in the specifications. Final surface restoration shall be performed at intervals not to exceed 1000-feet of main installed.

The maximum allowable shutdown time for the 36-inch main is seven (7) days per shutdown. The 36-inch main can only be shutdown a maximum of two (2) times. Shutdown of the 36-inch main must be coordinated with the SAWS Inspector.

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SC 1.1 - PERFORMANCE TIME

PROJECT LOCATIONS: There is one (1) Project Location as part of this construction package: Bell Drive from Stahl Rd to Uhr Ln is identified as the "Project Location".

- I. Final completion for the Base Bid shall be achieved in **240** calendar days.
- II. If SAWS elects to move forward with **Bid Alternative 1**, the final completion shall be achieved in **200** calendar days.

III. If Bid Alternative 1 is selected, flowable fill shall be used as secondary backfill, per the detail shown in the plans.

IV. If Bid Alternative 1 is selected, the following are optional:

- The Contractor may work from 7 AM to 7 PM, 6 days a week (Must be coordinated with SAWS Construction Department)
- Saturday work (Must be coordinated with SAWS Construction Department)

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V. After substantial completion has been achieved, final completion must be completed within 30 calendar days. The Contractor is required to provide the SAWS Inspector and the Engineer final redlines before the project can qualify for final completion. Substantial completion is when all water and sewer work has been completed, tested, and the water and sewer system has been accepted for service. Final completion is declared when the final punch-list is approved by SAWS, all infrastructure is in the ground, and final pavement and surface restoration is completed and associated permits inspected by permitting entity representative (inspectors) and closed.

SC 1.2 - SPECIFICATIONS

All work performed shall be in accordance with the Contract Documents and the current San Antonio Water System Specifications for Water and Sanitary Sewer Construction, these Special

Conditions, the current Texas Department of Transportation Standard Specification for Construction of Highways, Streets, and Bridges, the current City of San Antonio Standard Specifications for Public Work Construction, City of San Antonio Utility Excavation Criterial Manual, or specifications and requirements of any other governing jurisdiction that may apply.

SC 1.3 - PAYMENT

- I. As specified in the Contract Documents unit price cost for the items bid shall include all the necessary and incidental work as subsidiary to the bid item, unless specifically called out in the plans or approved by SAWS. Pay items indicating no separate or additional pay for incidental, related, associated or other work will take precedence if in conflict with other pay provisions. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items.

 - II. It is the Contractor's responsibility for the preparation, research, submittal and layout of the site specific submittals, including the Storm Water Pollution Prevention Plan, Traffic Control Plan, the Bypass Pumping Plan, and its approvals at no cost to SAWS. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items. The Tree Preservation Protection Permit(s) are obtained by the Engineer during design finalizing. The contractor shall follow permit requirements and there will be no measurement or payment associated with the Tree Permit, unless otherwise noted. If applicable, there will be no measurement or payment for the Storm Water Pollution Prevention Plan or work.

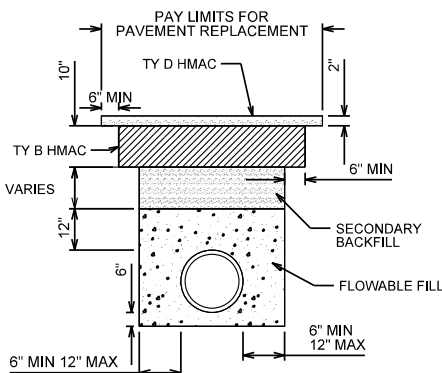
 - III. There will be no measurement or payment for insurance; bonding; and permitting costs on this contract. There will be no separate payment for temporary or permanent fencing, with all related costs included in the item to which it pertains. Clearing and grubbing or tree pruning will be paid under Item 101 – Preparing Right-of-Way, as noted in the contract documents.
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COSA DRAINAGE SUPPLEMENTAL NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL REQUIRED STORM WATER PERMITS, FEES, AND APPROVALS. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PERMITS REQUIRED FOR CONSTRUCTION IN DRAINAGE EASEMENTS, RIGHTS-OF-WAY, AND FLOODPLAINS.
 - THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET RIGHT-OF-WAY NOT INDICATED ON THE CONSTRUCTION PLANS.
 - THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING DRAINAGE FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING DRAINAGE SYSTEMS, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS EXPENSE. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT 210-207-8433 AS SOON AS CONFLICTS WITH UTILITIES ARE ENCOUNTERED OR ANY DRAINAGE SYSTEM IS DAMAGED DURING CONSTRUCTION.
 - CONSTRUCTION SPOILS WILL NOT BE ALLOWED TO BE DEPOSITED ANYWHERE WITHIN A DRAINAGE EASEMENT, RIGHT-OF-WAY OR FLOODPLAIN WITHIN THE LIMITS OF THE PROJECT AND SHALL BE DISPOSED OFFSITE IN COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS.
 - NO STRUCTURE, FENCES, WALLS, LANDSCAPING, OR OTHER OBSTRUCTIONS THAT IMPEDE DRAINAGE SHALL BE PLACED WITHIN THE LIMITS OF THE DRAINAGE EASEMENTS SHOWN ON THE CONSTRUCTION DOCUMENTS.
 - UPON COMPLETION OF TRENCHING, THE AREA WILL BE BACKFILLED AND COMPACTED TO ITS ORIGINAL CONDITION. TRENCHES/BORE PITS TO BE OPEN AND UNATTENDED LONGER THAN 24 HOURS SHALL BE PROTECTED TO WITHSTAND ALL HYDRODYNAMIC AND HYDROSTATIC FORCES AND PREVENT DOWNSTREAM IMPACTS. TRENCHES/BORE PITS TO BE OPEN LONGER THAN 30 DAYS AFTER STARTING EXCAVATION SHALL BE BACKFILLED WITH A SEMI-PERMANENT REPAIR BACKFILL.
- NOTES:**
- CONTRACTOR SHALL RESTRAIN ALL PROPOSED PIPES, VALVES AND FITTINGS AT NO ADDITIONAL COST. (RL=RESTRAINED LENGTH)
 - CONTRACTOR TO MAINTAIN WATER SERVICE CONNECTIONS AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR SHALL ALSO MAINTAIN ACCESS TO ALL EXISTING AND PROPOSED WATER VALVES AT ALL TIMES (NSPI).
 - NSPI - NOT A SEPARATE PAY ITEM.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING OPERATION OF ALL EXISTING UTILITIES AFFECTED BY THE PROPOSED CONSTRUCTION.
 - TREE REMOVAL IS NOT PERMITTED ON THIS PROJECT, UNLESS OTHERWISE NOTED IN PLANS. CONTRACTOR SHALL TAKE EXTREME CARE WHEN WORKING AROUND TREES TO PREVENT DAMAGE. PRIOR TO THE START OF WORK, CALL 210-207-1111 TO SCHEDULE A PRE-CONSTRUCTION FENCING INSPECTION. PRUNING OF TREES REQUIRED TO CLEAR ROW WILL BE DONE AT CONTRACTOR'S EXPENSE AND IS NSPI. TREE PROTECTION AND REMOVAL ARE NSPI.
 - THE CONTRACTOR SHALL RE-ESTABLISH ANY PROPERTY MARKER, BENCHMARK, ETC. DISTURBED DURING CONSTRUCTION TO ITS ORIGINAL LOCATION AND ELEVATION. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE VERTICAL AND HORIZONTAL CONTROL SHOWN ON THE PLANS THROUGHOUT THE PROJECT. RE-ESTABLISH DISTURBED OR DESTROYED ITEMS BY REGISTERED PUBLIC SURVEYOR IN THE STATE OF TEXAS AT NO ADDITIONAL COST TO SAWS.
 - CONTRACTOR SHALL MAINTAIN ACCESS TO PUBLIC AND PRIVATE FACILITIES DURING CONSTRUCTION. CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND THE SAN ANTONIO WATER SYSTEM.
 - CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING CONSTRUCTION OF THE PROJECTS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD TO OWNER AND THE CONSULTANT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPT FROM LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR CONSULTANT.
 - RESTORATION OF SODDING AND TOPSOIL IS NSPI. THE CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ALL NATURAL GROUND DISTURBED BY TRENCHES OR EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.
 - WHERE CURB AND SIDEWALK EXIST, AND IF A QUANTITY IS NOT CALLED OUT SPECIFICALLY, IT IS ASSUMED THAT UP TO 10 LF OF CURB AND ONE SIDEWALK PANEL WILL BE REMOVED AND REPLACED FOR WATER SERVICES.
 - PAVEMENT RESTORATION FOR WATER MAIN ABANDONMENT IS NSPI.
 - SAWS SHALL MACHINE CHLORINATE NEW WATER MAINS IF THE WATER MAIN LENGTH IS GREATER THAN 800 FEET. CONTRACTOR SHALL CHLORINATE NEW MAINS WITH HTH IF THE WATER MAIN LENGTH IS 750 FEET OR LESS.
 - CONTRACTOR SHALL REPAIR AND/OR REPLACE EXISTING MAIL BOXES NOT SPECIFIED IN THE PLANS TO ORIGINAL OR BETTER CONDITION IF DAMAGED DURING CONSTRUCTION (NSPI).
 - CONTRACTOR TO RESTORE LANDSCAPING TO EXISTING OR BETTER CONDITION (NSPI).
 - CONTRACTOR AGREES THAT "NEW METER BOXES" ARE SUBSIDIARY TO ITEM 833 "EXISTING METER AND NEW METER BOX RELOCATION" AND PAYMENT WILL BE MADE AT THE PRICE BID FOR EACH EXISTING METER RELOCATION. PAYMENT SHALL INCLUDE EXCAVATION, HAULING AND DISPOSITION OF SURPLUS MATERIALS, SAND BACKFILL, REMOVAL AND REPLACEMENT OF ENCOUNTERED SURFACE STRUCTURES, SALVAGING THE EXISTING METER BOX, A NEW METER BOX, AND RECONNECTION AND ADJUSTMENT OF YARD PIPING UP TO TWO (2) FEET TO COMPLETE THE CONNECTION TO THE RELOCATED METER.

AT&T NOTES:

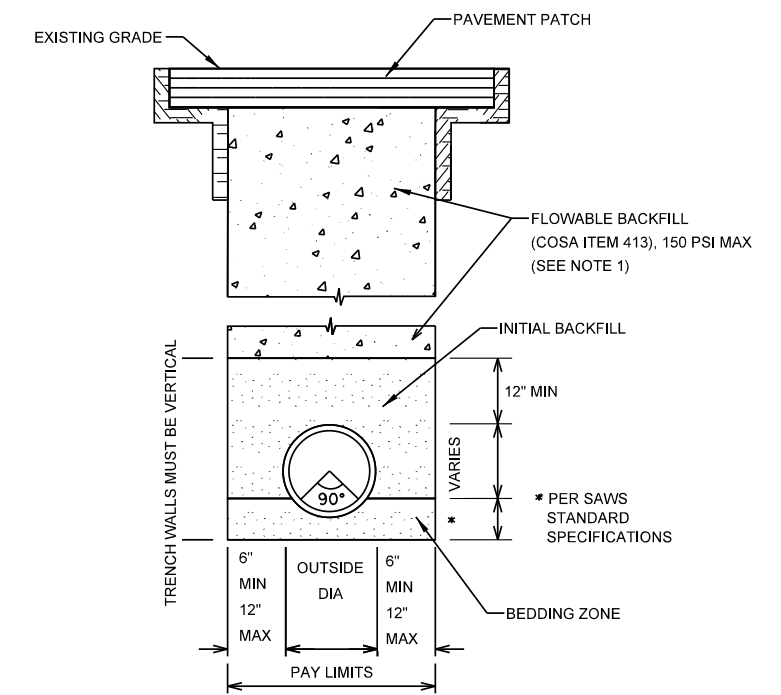
- THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED TO BE ACCURATE.
- THE CONTRACTOR SHOULD CALL FOR LOCATES THROUGH THE "ONE CALL" UTILITY LOCATE SERVICE (1-800-545-6005) 48 HOURS PRIOR TO CONSTRUCTION/EXCAVATION WORK. CONTRACTORS HAVE THE RESPONSIBILITY TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.



FLOWABLE FILL ENCASEMENT DETAIL
N.T.S.

TOTAL ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
103.1	REMOVE CONCRETE CURB	LF	858
103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS	SF	1267
203	TACK COAT	GAL	384.4
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED DEPTH)	SY	3022
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED DEPTH)	SY	3844
413	FLOWABLE FILL	CY	107.8
500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	858
502.1	CONCRETE SIDEWALKS	SY	141
503.1	PORTLAND CEMENT CONCRETE DRIVEWAY	SY	11
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING	LS	1
535.2	4-INCH WIDE WHITE LINE	LF	4575
535.16	STRAIGHT WHITE ARROW BICYCLE FACILITY	EA	11
535.17	BICYCLE RIDER SYMBOL	EA	11
536.7	12-INCH WIDE WHITE LINE	LF	15
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	6862
815	2" HDPE WATERLINE (RESTRAINED) (DR 9)	LF	432
818	6" PVC WATERLINE (RESTRAINED) (ALL DEPTHS)	LF	442
818	8" PVC WATERLINE (RESTRAINED) (ALL DEPTHS)	LF	5155
818	12" PVC WATERLINE (RESTRAINED) (ALL DEPTHS)	LF	833
822	CUSTOMER'S WATER YARD PIPE	LF	10
824	RELAY 3/4" SHORT SERVICE	EA	16
824	RELAY 3/4" LONG SERVICE	EA	14
824	RELAY 1" SHORT SERVICE	EA	11
824	CUSTOMER SHUTOFF VALVE	EA	41
828	8" GATE VALVE	EA	40
828	12" GATE VALVE	EA	3
833	NEW METER BOX	EA	20
833	EXISTING METER AND NEW METER BOX RELOCATION	EA	21
834	FIRE HYDRANT	EA	8
836	PIPE FITTINGS, ALL SIZES & TYPES	TN	8.4
840	6" WATER TIE-IN	EA	18
840	8" WATER TIE-IN	EA	6
840	12" WATER TIE-IN	EA	2
841	HYDROSTATIC TESTING	EA	3
844	2" BLOW-OFF, TEMPORARY	EA	25
844	2" BLOW-OFF, PERMANENT	EA	3
846	1" AIR RELEASE VALVE	EA	3
858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	15.5
1015	SERVICE LINE BREAKS/LEAK REPAIRS (3/4" & 1")	EA	2
1020	WATER MAIN BREAKS/LEAK REPAIRS	EA	2
3000	REMOVAL, TRANSPORTATION, AND DISPOSAL OF VARIOUS SIZES OF AC PIPE	LF	637
3001	CPS ENERGY POWER POLE BRACING	ALW	1
100	MOBILIZATION*	LS	1
101	PREPARATION OF RIGHT-OF-WAY**	LS	1
102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION	EA	1

BID ALTERNATIVE 1 ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
413	FLOWABLE FILL	CY	2237.2



TRENCH DETAIL: BID ALTERNATIVE 1 ONLY

SCALE: NTS

NOTES:

- FLOWABLE FILL TO EXTEND FROM TOP OF INITIAL BACKFILL TO BOTTOM OF PAVEMENT SECTION (TOP OF SUBGRADE). PAYMENT LIMITS FOR FLOWABLE FILL BASED ON A TRENCH WIDTH OF 12" BEYOND THE EDGE OF PIPE WITH VERTICAL WALLS AND VERTICAL PROFILE AS SHOWN IN THE PLANS. NO ADDITIONAL QUANTITIES SHALL BE ALLOWED DUE TO CONTRACTOR'S MEANS AND METHODS OR SOIL CONDITIONS.
- FLOWABLE FILL SHALL BE USED AS SECONDARY BACKFILL ONLY IF SAWS ELECTS TO MOVE FORWARD WITH BID ALTERNATIVE 1.
- PAVEMENT PATCH SHALL CONSIST OF 10" HMA TYPE B AND 2" HMA TYPE D AS SHOWN IN DETAIL DRAWING DD-812-01 (SHEET 2).

K-FRIESE + ASSOCIATES
A LOCHNER COMPANY
40 NE LOOP 410
MERCANTILE BUILDING, SUITE 545
SAN ANTONIO, TEXAS 78216
P - 210.491.2391 F - 512.338.1784
TBPE Firm #6535
www.kfriese.com

3/25/2024

No.	Revision	Drawn	Approved	Date
1	ADDENDUM 1	EA	CB	3/25/2024

REVISIONS

2025 SMP PACKAGE IV (BELL DR)

GENERAL NOTES, DETAILS, AND QUANTITIES (2 OF 2)

DEVELOPER: _____

CONT. _____ **BUDGET PROJ.** _____

SUBMITTED _____

APPROVED _____

MAP No. _____	SHEET 3
SECT. No. _____	
DR. JT CK. CB JOB No. 23-5085	OF 21

CPS ENERGY NOTES:

- CALL THE TEXAS STATE WIDE ONE CALL LOCATOR NUMBER 1-800-545-6005, 48 HOURS BEFORE BEGINNING ANY EXCAVATION.
- DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, CPS ENERGY MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES.
- THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN PROJECT AREA.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS ENERGY OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IF ADJACENT TO WORK AREAS.

AT&T NOTES:

- THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED TO BE ACCURATE.
- CONTRACTOR IS TO CONTACT THE TELEPHONE COMPANY LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-545-6005, CONTRACTOR IS TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.

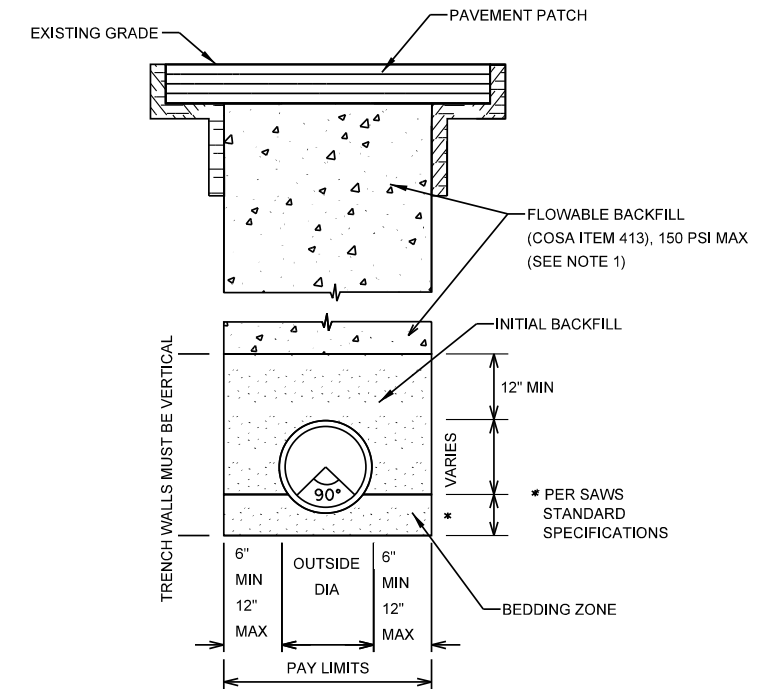
NOTE FOR THE CITY OF SAN ANTONIO FLATWORK:

ALL LIMITS FOR CURB, SIDEWALK, AND TREE PREP BEYOND WHAT IS CONSIDERED INCIDENTAL TO NORMAL UTILITY CONSTRUCTION WILL BE ADDRESSED BY THE SAWS INSPECTOR. SAWS INSPECTOR WILL ALSO DETERMINE IF ADDITIONAL COMPENSATION IS WARRANTED IF LIMITS EXCEED INCIDENTALS.

TOTAL ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
203	TACK COAT	GAL	34.9
205.2	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMPACTED)	SY	275
205.4	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMPACTED)	SY	349
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING	LS	1
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	599
848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR 26-2241, 160 PSI), (ALL DEPTHS)	LF	599
852	SANITARY SEWER MANHOLE DROP (0'-6')	EA	1
852	SANITARY SEWER MANHOLE (0'-6')	EA	2
852	EXTRA DEPTH MANHOLES (GREATER THAN 6')	VF	7.7
865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS)	LS	1
866	PRE SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	599
866	POST SEWER MAIN TELEVISION INSPECTION (8"-15")	LF	599
100	MOBILIZATION*	LS	1
101	PREPARATION OF RIGHT-OF-WAY**	LS	1
102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION	EA	1
102.2	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING EQUIPMENT RENTAL	DAY	10
102.3	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING FUEL	DAY	10
102.4	INTERMEDIATE DEMOBILIZATION BYPASS PUMPING WATCH	DAY	10

*MOBILIZATION 10% MAX AMOUNT OF SUM OF WATER AND SEWER ITEMS IN CONTRACT
 ** PREP ROW 5% MAX AMOUNT OF SUM OF WATER AND SEWER ITEMS IN CONTRACT

BID ALTERNATIVE 1 ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
413	FLOWABLE FILL	CY	402.7



TRENCH DETAIL: BID ALTERNATIVE 1 ONLY

SCALE: NTS

NOTES:

- FLOWABLE FILL TO EXTEND FROM TOP OF INITIAL BACKFILL TO BOTTOM OF PAVEMENT SECTION (TOP OF SUBGRADE). PAYMENT LIMITS FOR FLOWABLE FILL BASED ON A TRENCH WIDTH OF 12" BEYOND THE EDGE OF PIPE WITH VERTICAL WALLS AND VERTICAL PROFILE AS SHOWN IN THE PLANS. NO ADDITIONAL QUANTITIES SHALL BE ALLOWED DUE TO CONTRACTOR'S MEANS AND METHODS OR SOIL CONDITIONS.
- FLOWABLE FILL SHALL BE USED AS SECONDARY BACKFILL ONLY IF SAWS ELECTS TO MOVE FORWARD WITH BID ALTERNATIVE 1.
- PAVEMENT PATCH SHALL CONSIST OF 10" HMA TYPE B AND 2" HMA TYPE D AS SHOWN IN DETAIL DRAWING DD-812-01 (SHEET 2).

K·FRIESE + ASSOCIATES
 A LOCHNER COMPANY
 40 NE LOOP 410
 MERCANTILE BUILDING, SUITE 545
 SAN ANTONIO, TEXAS 78216
 P - 210.491.2391 F - 512.338.1784
 TBPE Firm #6535
 www.kfriese.com



3/25/2024

1	ADDENDUM 1	EA	CB	3/25/2024
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No.	Revision	Drawn	Approved	Date
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REVISIONS

	2025 SMP PACKAGE IV (BELL DR)
	GENERAL NOTES QUANTITIES, AND DETAILS (2 OF 2)

DEVELOPER: _____

CONT. BUDGET PROJ.

SUBMITTED _____

APPROVED _____

MAP No. _____ **SHEET** 3

SECT. No. _____ **Of** 7

DR. LB | **CK. CB** | **JOB No. 23-5580**